



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of

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<i>Complete if Known</i>	
Application Number	10/783,426
Filing Date	2-20-2004
First Named Inventor	S. Mark Haugland
Art Unit	2857
Examiner Name	Donald J. McElheny, Jr.
Attorney Docket Number	PAT029US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
		Country Code-Number-Kind Code				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

¹Applicant is to place a check mark here if English language Translation is attached.

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				Examiner Name	2857
Sheet	1	of	1	Attorney Docket Number	PATO29US

10/18 3426

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
DR	AD	X. M. Tang, et al., "Shear-Velocity Measurements In the Logging-While Drilling Environment: Modeling and Field Evaluations," <i>Petrophysics</i> , Vol. 44, No. 2 (March-April 2003), pp. 79-90.	
DR	AE	G. L. Varsamis, et al., "LWD Shear Velocity Logging in Slow Formations Design Decisions and Case Histories," <i>SPWLA 41st Annual Logging Symposium</i> , June 4-7, 2000, Paper O.	
DR	AF	C. H. Cheng and M. N. Toksoz, "Elastic Wave Propagation In a Fluid-Filled Borehole and Synthetic Acoustic Logs," <i>Geophysics</i> , Vol. 46, No. 7, July 1981, pp. 1042-1053.	
DR	AG	D. P. Schmitt, "Shear Wave Logging in Elastic Formations," <i>J. Acoust. Soc. A.</i> , 84(6), December 1988, pp. 2215-2229.	
DR	AH	M. T. Taner, F. Koehler, and R. E. Sheriff, "Complex seismic trace analysis," <i>Geophysics</i> , Vol. 44, No. 6 (June 1999); pp. 1041-1063.	
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DR	AK	F. El-Wazeer, et al., "Applications For A Full Wave Sonic LWD Tool in the Middle East," <i>Society of Petroleum Engineers 13th Middle East Oil Show & Conference</i> , April 5-8, 2003, SPE 81474.	
DR	AL	Jennifer Market, et al., "Processing and Quality Control of LWD Dipole Sonic Measurements," <i>SPWLA 43rd Annual Logging Symposium</i> , June 2-5, 2002, Paper PP.	
DR	AM	Chaur-Jian Hsu and Kikash K. Sinha, "Mandrel effects on the dipole flexural mode in a borehole," <i>J. Acoust. Soc. Am.</i> 104(4), October 1998, pp. 2025-2039.	

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